MASSBUYS EXPO 2023

Evaluating Your School District's Security Vision

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Agenda

- Kari’s Law
- Ray Baum’s Act
- Alyssa’s Law
- K12 Use Cases
- Sample Solutions
- Other School Safety Considerations

Kari’s Law

- Driven by the efforts of Kari Dunn’s father following the murder of his daughter
- Signed into effect on February 16, 2018
- Applies to multi-line telephone systems (including VOIP systems) manufactured, imported, offered for sales, lease or installed after compliance date of February 16, 2020

Kari's Law - Requirements

- Prohibiting a required prefix when dialing "911" – must remove requirements to dial "9". "8", etc. to reach an outside line in order to place a call to 911
- Onsite notifications of placed call – notification must be sent to onsite personnel notifying of the 911 emergency – can be phone call visual alerts on monitor, audible alarms, text message and/or emails
- Ensure accurate call-back numbers are delivered – 911 Dispatchers need to be able to reconnect with the 911 caller if a 911 call is terminated or interrupted – should be direct number to caller, not fromt office

Ray Baum's Act

- Passed into Law on March 23, 2018
- Requires phone systems to provide dispatchable address that include street address of calling party, Room number, Suite, Floor and other information needed to quickly reach the calling party

Ray Baum's Act – Implementation Phases

Two separate implementation phases of Ray Baum's Act:

- January 6, 2021: Fixed VOIP Systems: first deadline focused on employees using on-premise fixed devices
- January 6, 2022: Non-fixed VOIP: Second deadline focused on providing accurate dispatchable locations for nomadic employees using wireless, mobile devices
  - Note: If cell phones are integrated into VOIP system, then they fall under the same regulation

Ray Baum's Act – Legal and Regulatory Risks

- Fail to plan for remote/nomadic staff and remote locations
- Fail to provide dispatchable location information at time of 911 call
- Fail to alert security and administrative personnel that 911 call has been made
- 911 calls to the Public Safety cannot be intercepted
- Migrating from dedicated circuits to a Cloud Hosted solution must maintain compliance
- *Potential non-compliance fine up to $10,000 plus $500/day for period of non-compliance*

Alyssa's Law

- Named after 14-year-old Alyssa Alhadeff, who lost her life un the Stoneham Douglas School shooting
- Investigation found insufficient response time to be contributing factor of her death
- This law requires all public elementary and secondary education schools to install either silent panic alarms or alternative emergency mechanisms
- Passed law in New Jersey, Florida, New York and Nebraska
- In Process in Arizona, Texas, Virginia, Oregon, Georgia and Tennessee
- All other States are in the evaluation process

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- All other States are in the evaluation process
  - Despite not being law in other states, Districts are opting to implement it

Alyssa's Law – System Activation

What Should Happen When Activated?

- Teacher presses a panic button (physical or virtual)
- Notifications are sent to school personnel making them aware of the situation
- Simultaneously, location and user information is sent to the PSAP of the local police (requires E911 Reach component) notifying them of the emergency for immediate dispatch
- Lockdown procedures are strongly recommended to be integrated into the system

Alyssa's Law – Implementation Options

- Install hard-wired panic buttons in classrooms
- Install virtual panic buttons with an application on all computers, cell phones, mobile devices of your staff
- Integrate IP Phones
- Can be a mixture of devices types and implementations
- Solutions include:
  - Singlewire Informacast
  - Genetec

Sample K-12 Use Cases

Sample: K-12 Use Cases

- *Alyssa's Law:* Use panic button in the Informacast app or integrate with wearable panic buttons to connect directly with law enforcement
- *Panic Buttons:* Discretely trigger emergency notifications from phone soft keys, call buttons, keyboard function keys, low-voltage relay buttons and the mobile app
- *Paging and Intercom:* Utilize live audio paging, ad hoc audio, two-way hands-free intercom and push-to-talk functionalities with desk phones, IP speakers and existing analog overhead systems
- *911 Alerting:* Notify administrators when 911 is dialed and listen to near-time recordings to understand the context of situation unfolding

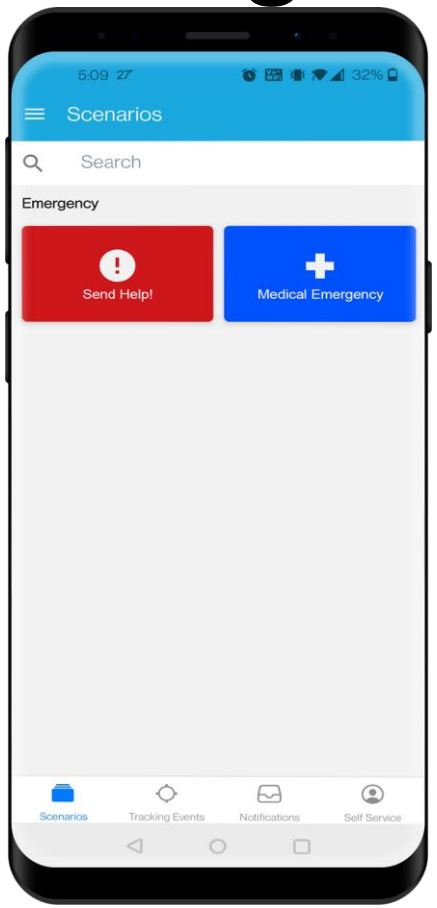
Sample: K-12 Use Cases (continued)

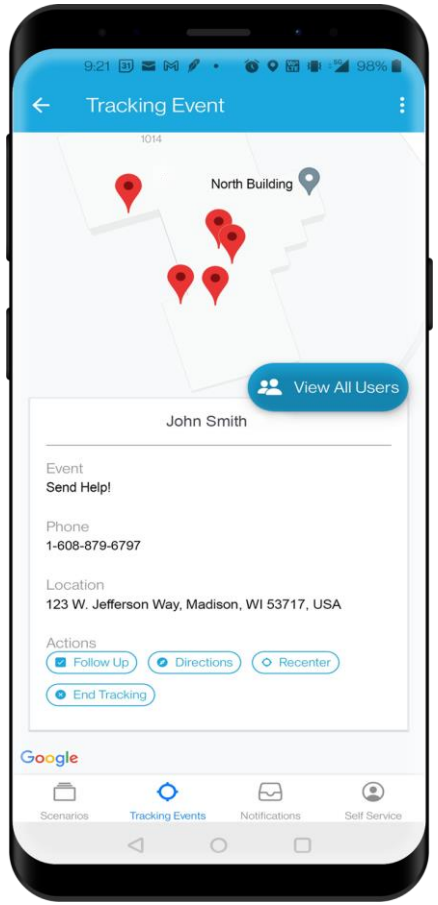
- *Active Shooter:* Easily lockdown or evacuate buildings with text, audio and visual messages that relay clear, actionable instructions
- *IoT Integrations:* Trigger mass notifications to and from other physical systems, including fire alarms, entry access systems, light control systems, eyewash stations and AED cabinet doors
- *Severe Weather:* Monitor live feeds from the National Weather Service and automatically trigger an emergency notification when severe weather approaches
- *Scheduled School Bells:* Schedule school bells for an entire year and make adjustments with ease

Sample Solution

InformaCast Personal Duress Package

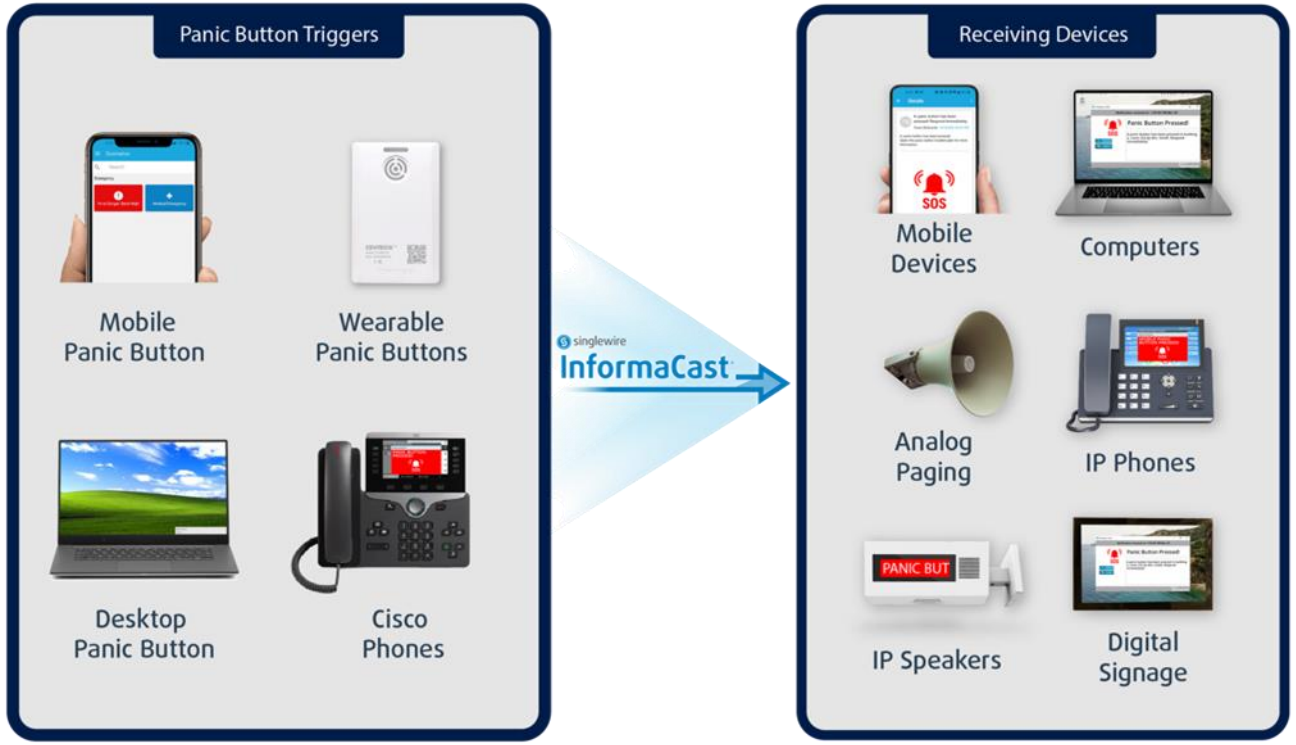
- One-touch request for assistance
  - InformaCast app
  - Wearable
- Sends user's name and location information to safety teams
- Offers 1:1 solution for staff safety





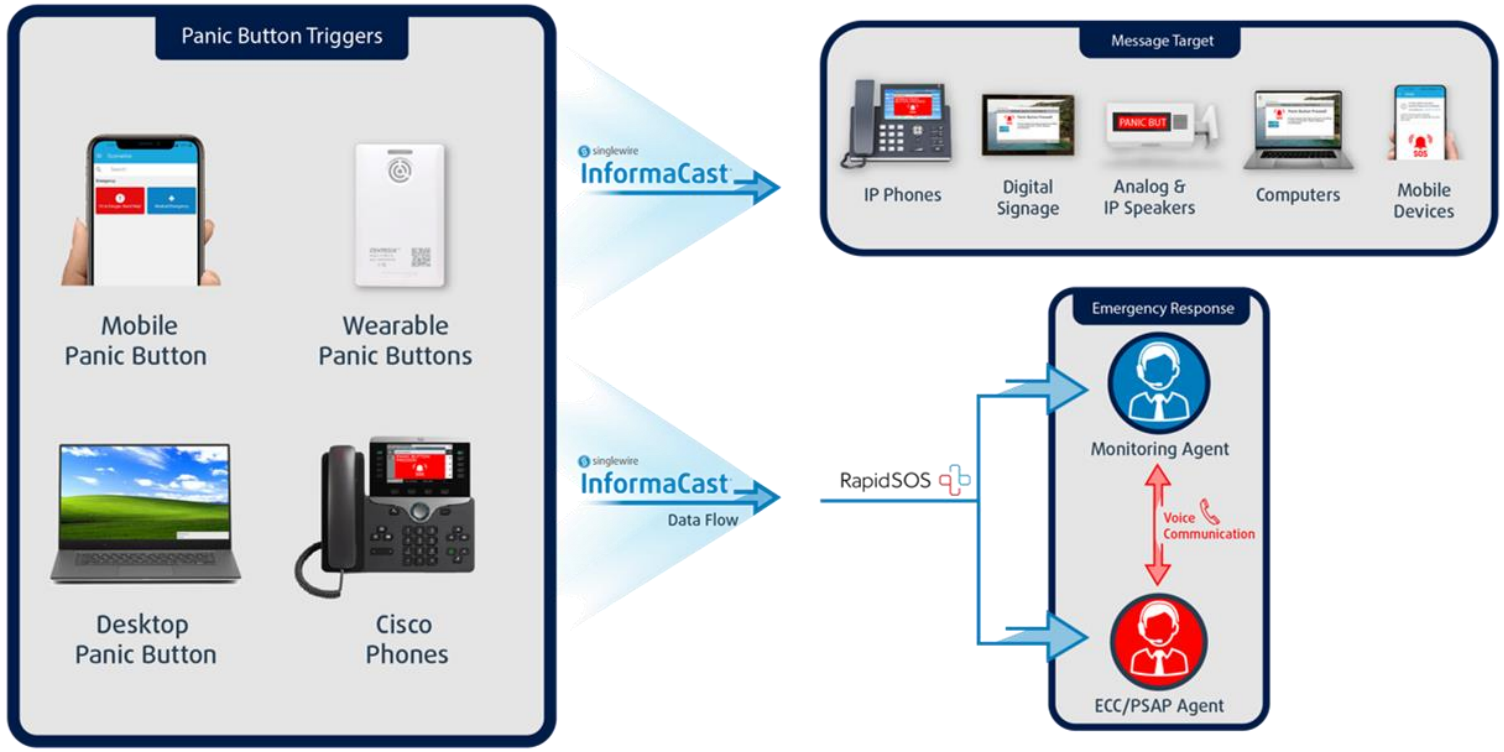
How Does It Work?

- Buttons integrated with InformaCast
- Send text and audio alerts to safety team
- Connected to other on-premises and mobile devices



Adding 911 Reach

- Ability to connect with Emergency Communications Center (ECC)
- Alerts sent to 911 dispatchers to help coordinate response
- Fulfills Alyssa's Law requirements in K-12



Other School Safety Systems to Consider

Other School Safety Systems to be Considered

- Integrate with Video Surveillance
- Door Access Control
- Door Ajar
- Lockdown Feature
- Speakers with Display and multi-color Flashers in Hallways to alert personnel of emergency
- IP Paging

Other School Safety Systems to be Considered

Challenge	Possibility
Pick-up and Drop-off Area	Identify individuals with HDTV resolutions
Energy Costs	Reduce after hour light usage with Lightfinder technology
Graffiti and Vandalism	• Exterior cameras as a deterrent • Receive alerts when cameras are tampered with • Cameras for difficult lighting conditions
Unauthorized Access	Automate recording upon doors opening or motion detection
Hallway Surveillance	Optimizes field of view
Loitering After Hours	• Exterior cameras as a deterrent • Utilize motion detection alerts and recording
Managing cost-effectiveness and ROI	Leverage existing infrastructure with Axis video encoders
Audio Detection	Axis Network Horn Speaker provides long-range remote speaker in video surveillance areas

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